

Data File : VW013979.D
Acq On : 12 Nov 2019 16:56
Operator : SY/VA
Sample : K5722-16RE
Misc : 9.31G/5.0ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2-C

Quant Time: Nov 13 06:43:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121343	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	123662	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.32	98	485938	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	149316	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

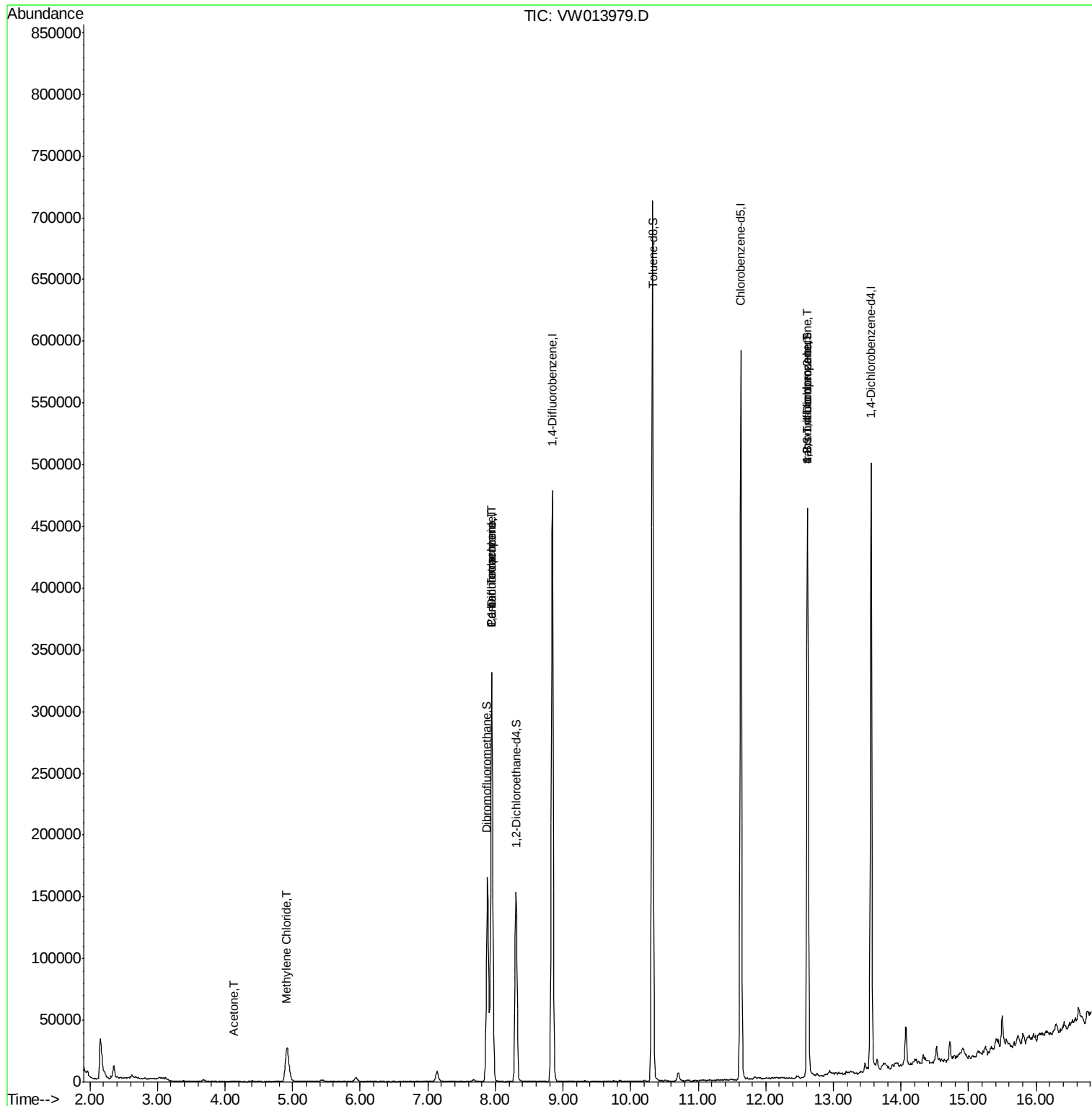
						Qvalue
16) Acetone	4.12	43	1379	3.142	ug/l #	72
20) Methylene Chloride	4.92	84	25388	6.369	ug/l	93
36) 1,1-Dichloropropene	7.95	75	17014	4.307	ug/l #	47
38) Carbon Tetrachloride	7.95	117	23577	6.629	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	69696	68.122	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69696	128.741	ug/l #	14

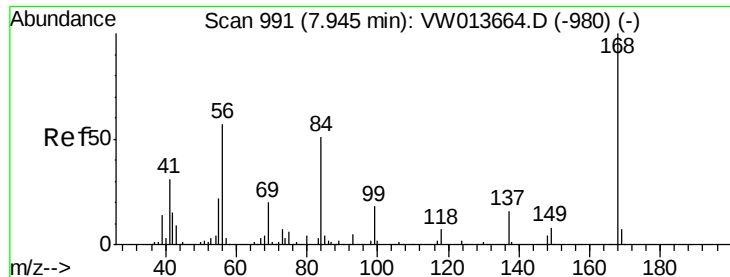
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

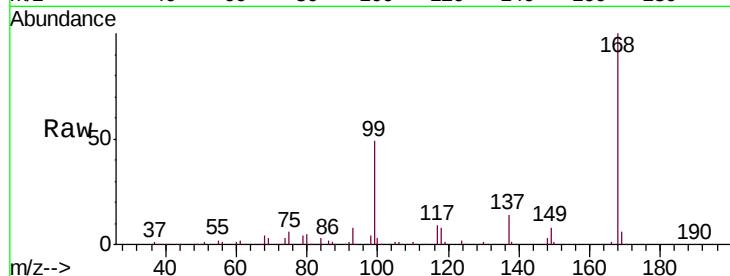
2-C

Tgt Ion:168 Resp: 275960

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

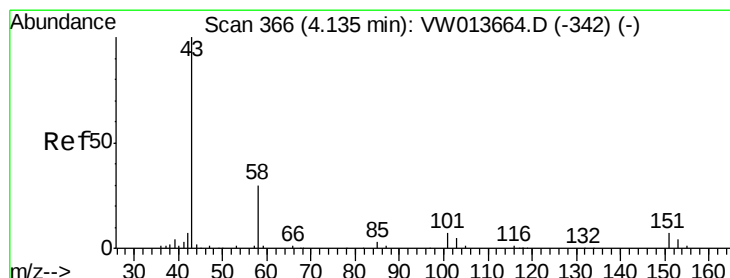
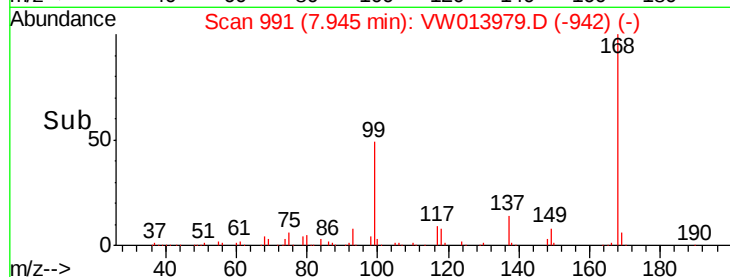
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.142 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013979.D

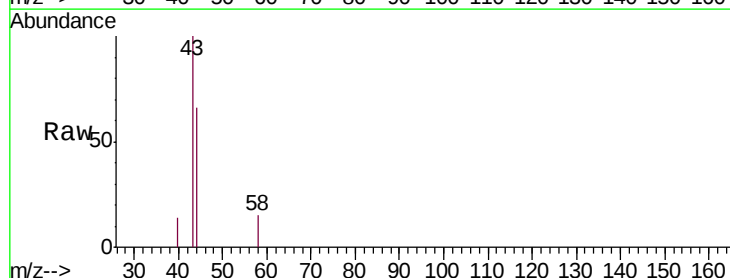
Acq: 12 Nov 2019 16:56

Tgt Ion: 43 Resp: 1379

Ion Ratio Lower Upper

43 100

58 14.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

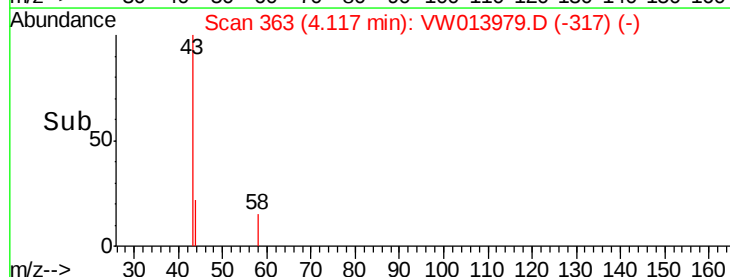
300

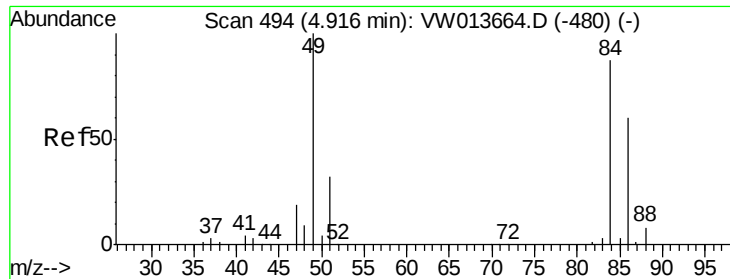
200

100

0

Time-->



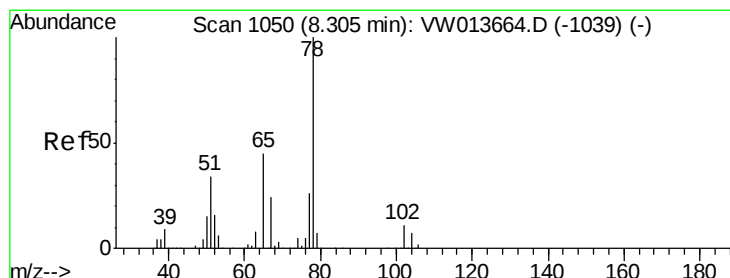
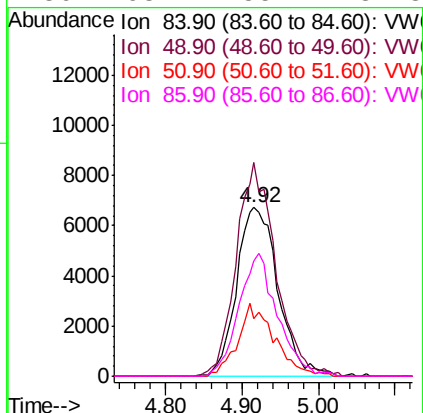
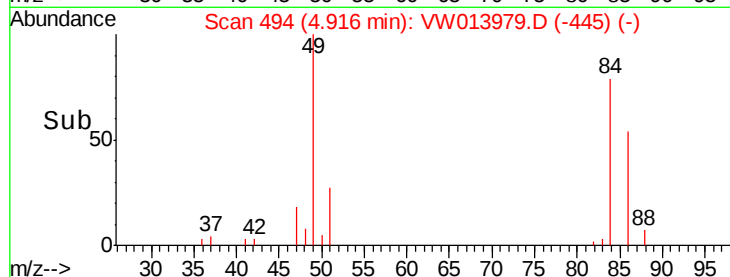
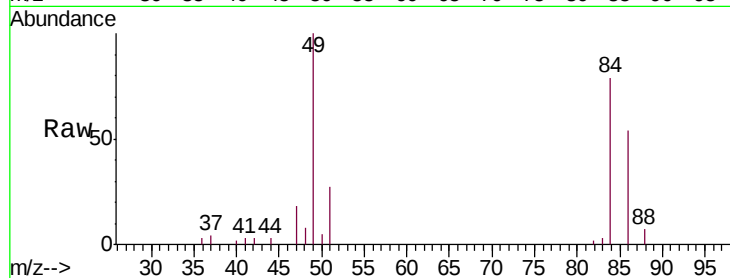


#20
Methylene Chloride
Concen: 6.369 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
2-C

Tgt Ion: 84 Resp: 25388

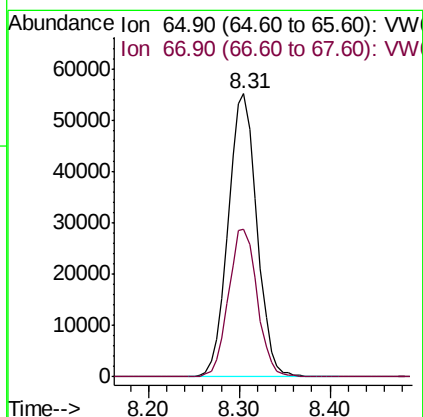
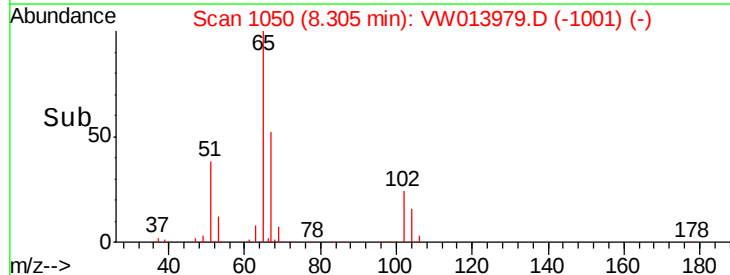
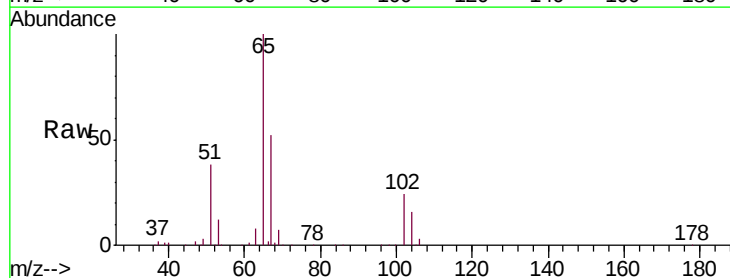
Ion	Ratio	Lower	Upper
84	100		
49	126.8	91.8	137.6
51	34.1	29.8	44.6
86	68.7	55.2	82.8

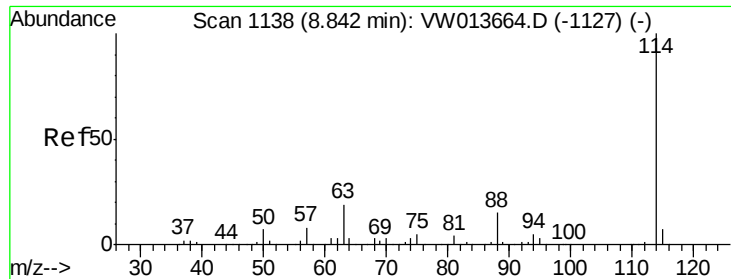


#33
1,2-Dichloroethane-d4
Concen: 58.616 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

Tgt Ion: 65 Resp: 121343

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

2-C

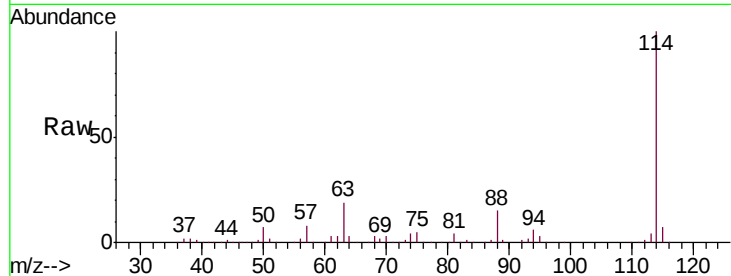
Tgt Ion:114 Resp: 424123

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

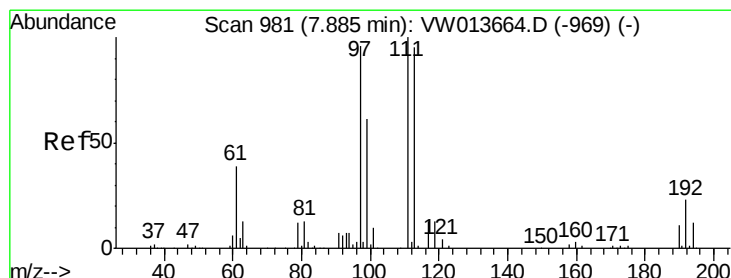
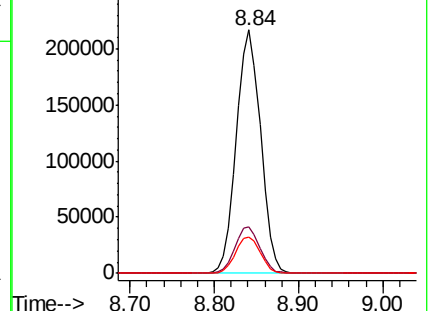
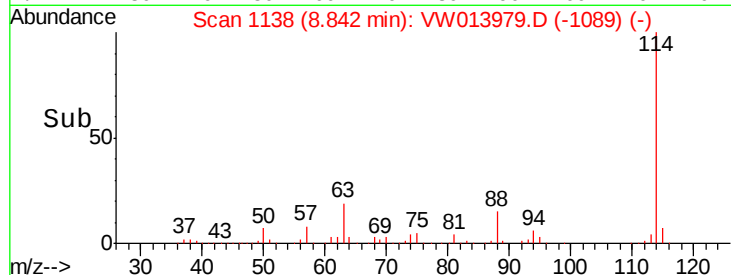
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.473 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

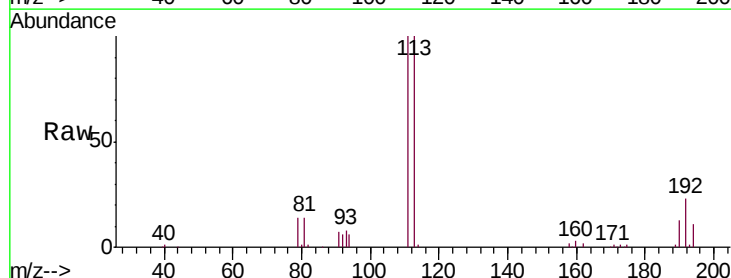
Tgt Ion:113 Resp: 123662

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

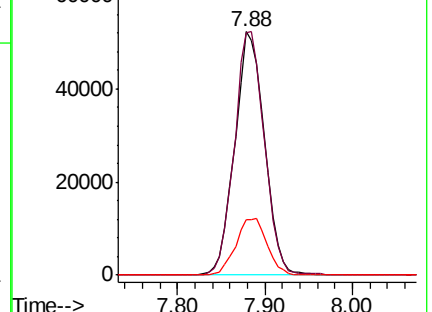
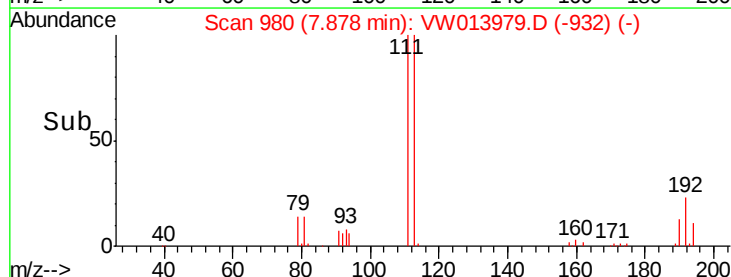
192 24.5 19.4 29.2

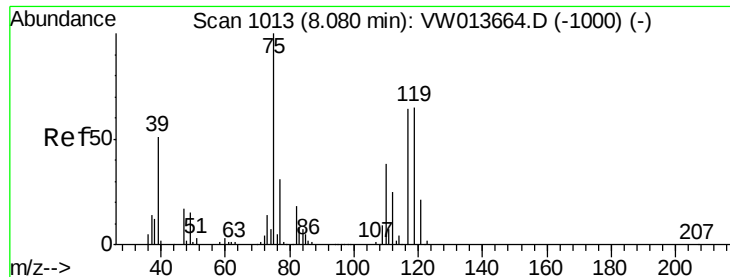


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

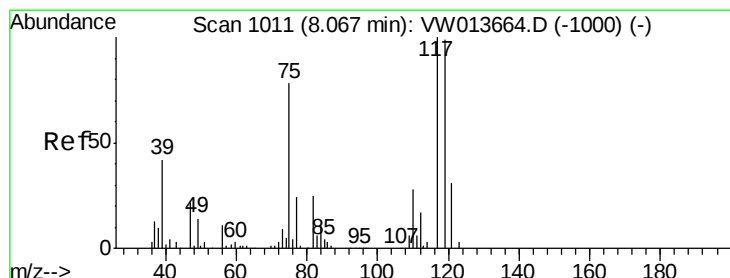
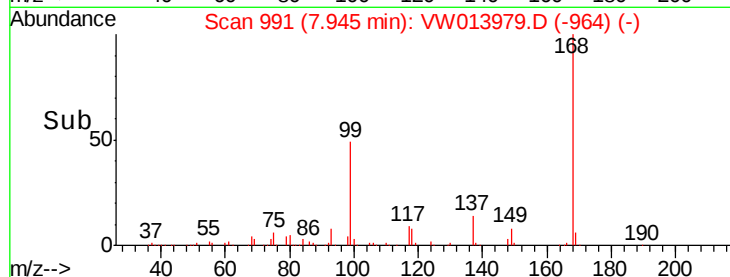
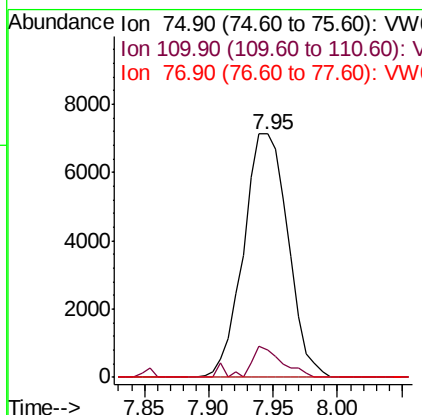
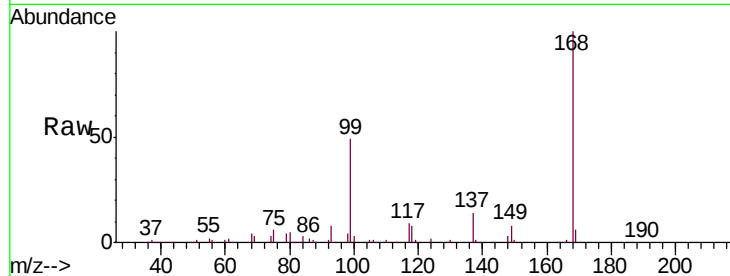




#36
 1,1-Dichloropropene
 Concen: 4.307 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013979.D
 Acq: 12 Nov 2019 16:56

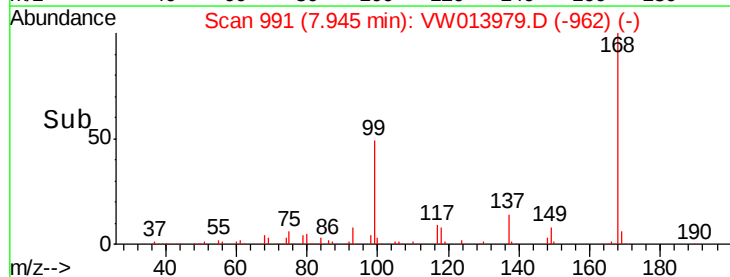
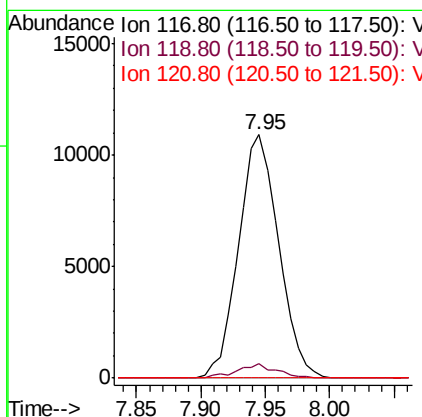
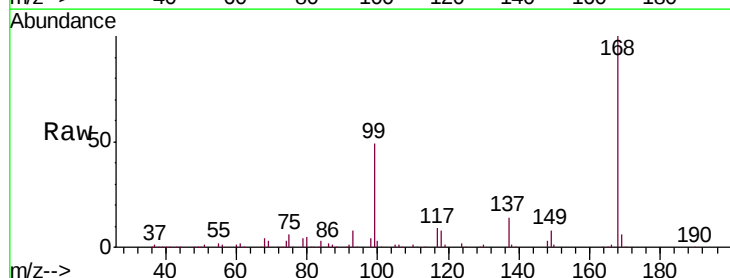
Instrument :
 MSVOA_W
 ClientSampled :
 2-C

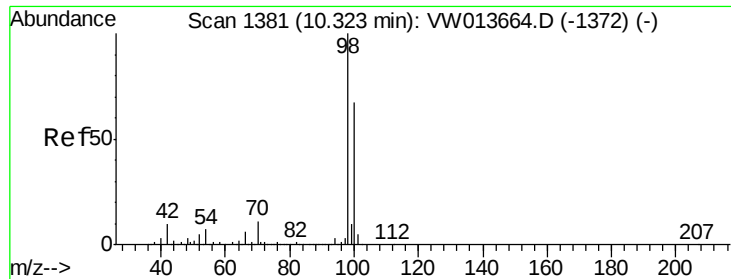
Tgt Ion: 75 Resp: 17014
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.629 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013979.D
 Acq: 12 Nov 2019 16:56

Tgt Ion: 117 Resp: 23577
 Ion Ratio Lower Upper
 117 100
 119 5.8 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

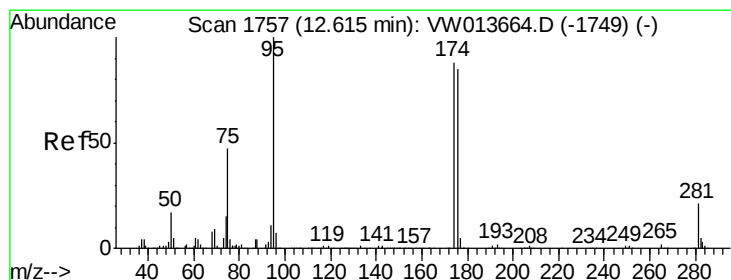
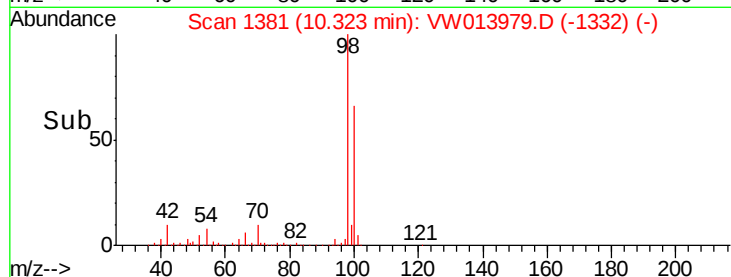
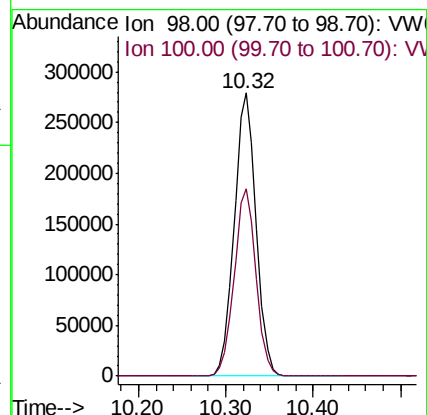
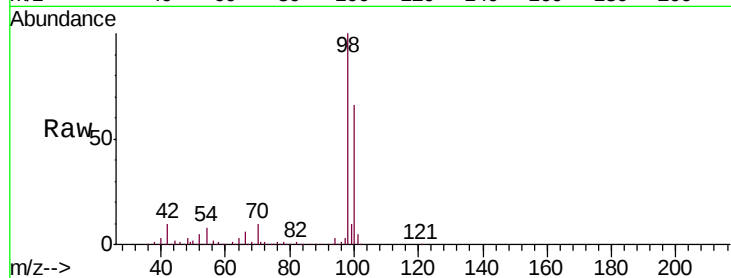
2-C

Tgt Ion: 98 Resp: 485938

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 45.922 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

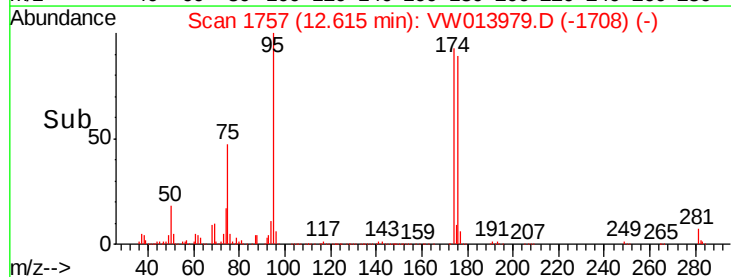
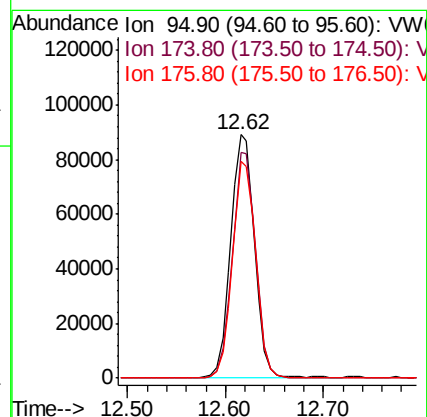
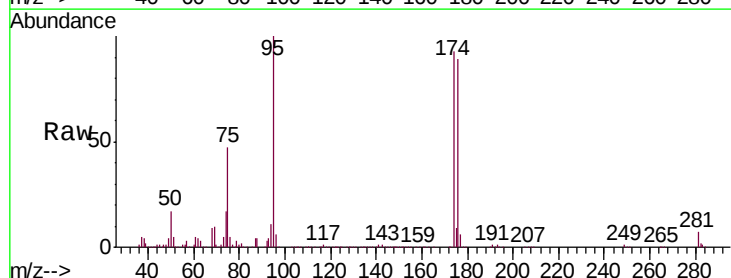
Tgt Ion: 95 Resp: 149316

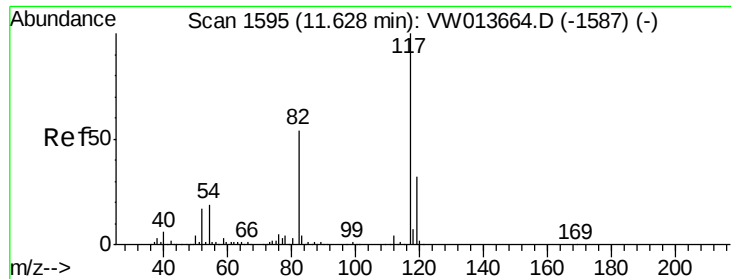
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.6

176 87.5 0.0 178.0

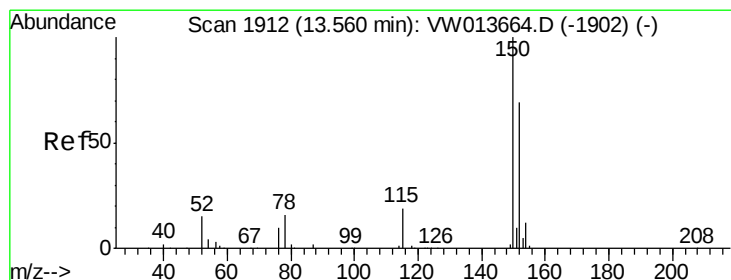
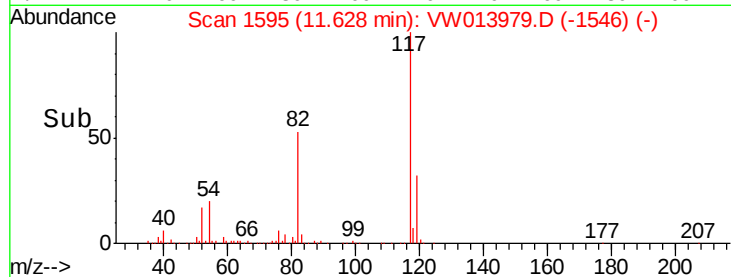
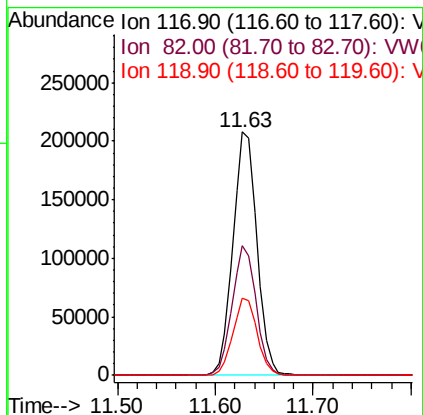
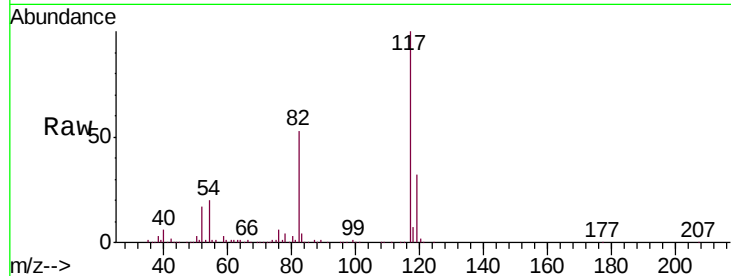




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

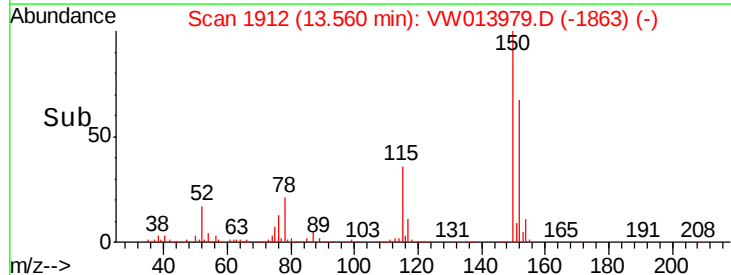
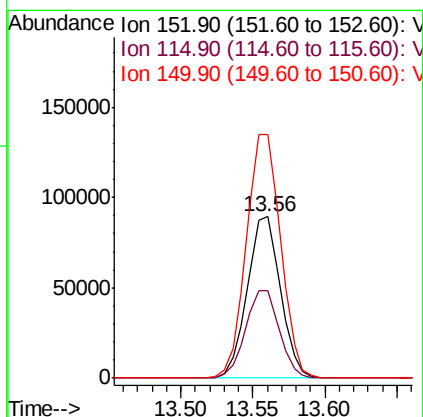
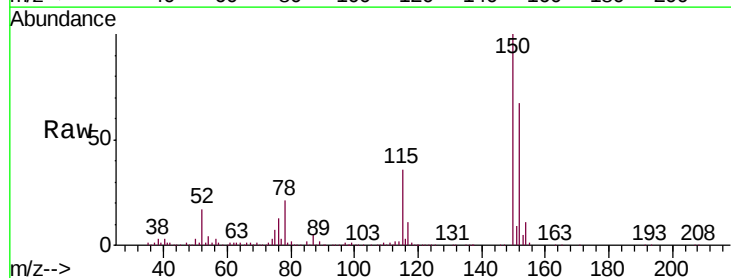
Instrument :
MSVOA_W
ClientSampled :
2-C

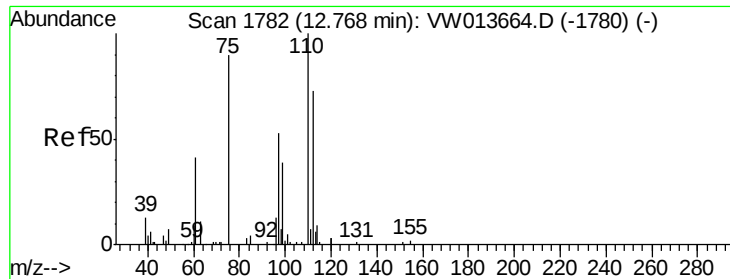
Tgt Ion:117 Resp: 354199
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013979.D
Acq: 12 Nov 2019 16:56

Tgt Ion:152 Resp: 142466
Ion Ratio Lower Upper
152 100
115 55.5 27.4 82.2
150 155.8 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 68.122 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

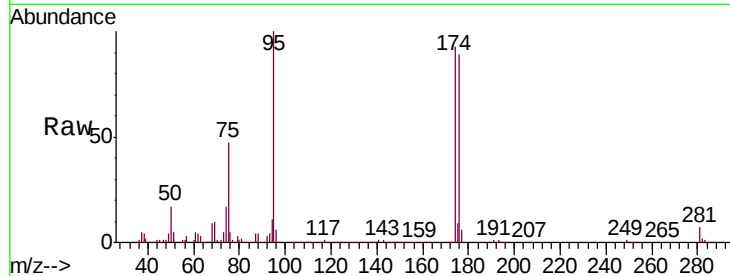
2-C

Tgt Ion: 75 Resp: 69696

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

40000

30000

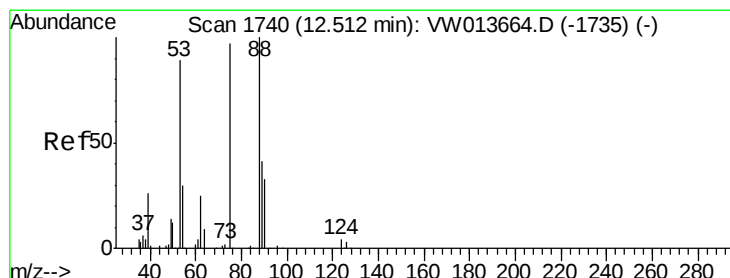
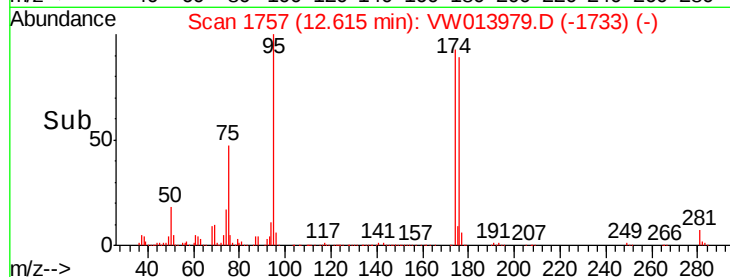
20000

10000

0

Time-->

12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 128.741 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013979.D

Acq: 12 Nov 2019 16:56

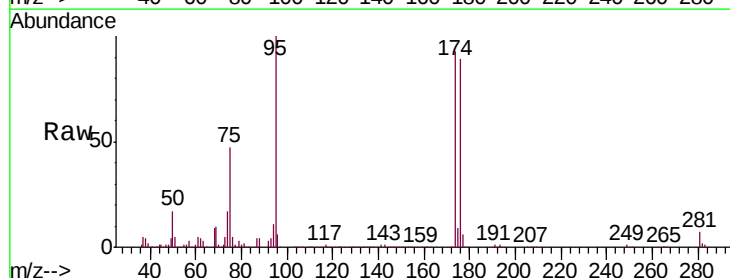
Tgt Ion: 75 Resp: 69696

Ion Ratio Lower Upper

75 100

53 0.3 71.7 107.5#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

12.62

40000

30000

20000

10000

0

Time-->

12.60 12.70

